

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	65	glaucoma and ("E3-14. 7K-interacting protein" or FIP2 or GLC1E or HGNC:4305 or HIP7 or Huntingtin or HYPL or NRP or optineurin or optn or "TFIII-INTP") and (polymorphism or allele or snp or mutation or genotype or haplotype)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 11:24
L2	100	glaucoma and ("E3-14. 7K-interacting protein" or FIP2 or GLC1E or HGNC:4305 or HIP7 or Huntingtin or HYPL or NRP or optineurin or optn or "TFIII-INTP") and (polymorphism or allele or snp or mutation or genotype or haplotype)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 11:24
L3	30	I2 and @ad<"20020228"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 11:28
L4	2	I2 and rezaie.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 11:29
L5	4	I2 and sarfarazi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 11:29
L6	2	I2 and child.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 11:34
L7	0	I2 and "St.George's".as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 11:34
L8	0	I2 and enterprises.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 11:34
L9	3	I2 and connecticut.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 11:35
L10	9	sornasse.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 11:35

RESULT 9

AAH57391

ID AAH57391 standard; cDNA; 3454 BP.

XX

AC AAH57391;

XX

DT 10-SEP-2001 (first entry)

XX

DE Human skeletal muscle cell specific cDNA sequence SEQ ID NO:231.

XX

KW Human; tissue specific; diagnosis; brain; heart; skeletal muscle; lung;

KW liver; uterus; ovary; stomach; intestine; kidney; pancreas; ss;

KW metabolic disease; developmental disease; cytostatic; immunomodulatory;

KW neuroprotective; gene therapy; cancer; immunopathology; neuropathology.

XX

OS Homo sapiens.

XX

PN WO200132927-A2.

XX

PD 10-MAY-2001.

XX

PF 02-NOV-2000; 2000WO-US030396.

XX

PR 04-NOV-1999; 99US-0163508P.

XX

PA (INCY-) INCYTE GENOMICS INC.

XX

PI Sornasse T, Seilhamer JJ, Watson GA;

XX

DR WPI; 2001-291057/30.

XX

PT New cell and tissue specific polynucleotides useful for diagnosis,  
PT prognosis or monitoring of treatments for disorders where the gene is  
PT associated with a cancer, immunopathology or neuropathology.

XX

PS Claim 1; Page 159-160; 327pp; English.

XX

CC AAH57161 to AAH57576 represent cell and tissue specific polynucleotide  
CC sequences (I). (I) can have cytostatic, immunomodulatory and  
CC neuroprotective activities, and can be used in gene therapy. (I) and  
CC proteins (II) encoded by then are used in high throughput screening  
CC assays to select DNA molecules, RNA molecules, peptide nucleic acids,  
CC mimetics, peptides, proteins, agonists, antagonists, antibodies or their  
CC fragments, immunoglobulins, inhibitors, drug compounds and pharmaceutical  
CC agents. Expression of (I) in a sample indicates the differentiation of  
CC embryonic stem cells into a tissue selected from brain, heart, kidney,  
CC liver, lung, skeletal muscle or pancreatic tissues. (I) and (II) are used  
CC to produce an expression profile that defines a metabolic or  
CC developmental process, treatment, condition, disease or disorder. The  
CC gene profile can be used for diagnosis, prognosis or monitoring of  
CC treatments and for investigating a predisposition to a disorder where the  
CC gene is associated with a cancer, immunopathology or neuropathology

XX

SQ Sequence 3454 BP; 1094 A; 725 C; 794 G; 841 T; 0 U; 0 Other;

Query Match 95.2%; Score 1976.8; DB 4; Length 3454;  
Best Local Similarity 99.8%; Pred. No. 0;

Matches 2000; Conservative 0; Mismatches 2; Indels 2; Gaps 2;

```
Qy      1 ATCCCGGTCGGGAGTTCTCTCCAGGCGGCACGATGCCGAGGAAACAGTGACCC TGAGCGA 60
      |||
Db     16 ATCCCGGTCGGGAGTTCTCTCCAGGCGGCACGATGCCGAGGAAACAGTGACCC TGAGCGA 75

Qy     61 AGCCAAGCCGGGCGGCAGGTGTGGCTTTGATAGCTGGTGGTGCCACTTCCTGGCCTTGA 120
      |||
Db     76 AGCCAAGCCGGGCGGCAGGTGTGGCTTTGATAGCTGGTGGTGCCACTTCCTGGCCTTGA 135

Qy    121 TGAGCCGTACGCCCTCTGTAAACCCAAC TTCTCACCTTTGAAACAGCTGCCTGGTT CAGC 180
      |||
Db    136 TGAGCCGTACGCCCTCTGTAAACCCAAC TTCTCACCTTTGAAACAGCTGCCTGGTT CAGC 195

Qy    181 ATTAATGAAGATTAGTCAGTGACAGGCC TGGTGTGCTGAGTCCGCACATAGAAGAATCAA 240
      |||
Db    196 ATTAATGAAGATTAGTCAGTGACAGGCC TGGTGTGCTGAGTCCGCACATAGAAGAATCAA 255

Qy    241 AAATGTCCAAAATGTAAC TGGAGAGAAAGTGGGCAACTTTT -GGAGTGACTTTTCCACAG 299
      |||
Db    256 AAATGTCCAAAATGTAAC TGGAGAGAAAGTGGGCAACTTTTGGGAGTGACTTTTCCACAG 315

Qy    300 GAACTTCTGCAATGTCCCATCAACCTCTCAGCTGCCTCACTGAAAAGGAGGACAGCCCCA 359
      |||
Db    316 GAACTTCTGCAATGTCCCATCAACCTCTCAGCTGCCTCACTGAAAAGGAGGACAGCCCCA 375

Qy    360 GTGAAAGCACAGGAAATGGACCCCCCACCTGGCCCAACCAACCT -GGACACGTTTACC 418
      |||
Db    376 GTGAAAGCACAGGAAATGGACCCCCCACCTGGCCCAACCAACCTGGGACACGTTTACC 435

Qy    419 CCGGAGGAGCTGCTGCAGCAGATGAAAGAGCTCCTGACCAAGAACCACCAGCTGAAAGAA 478
      |||
Db    436 CCGGAGGAGCTGCTGCAGCAGATGAAAGAGCTCCTGACCGAGAACCACCAGCTGAAAGAA 495

Qy    479 GCCATGAAGCTAAATAATCAAGCCATGAAAGGGAGATTTGAGGAGCTTTTCGGCCTGGACA 538
      |||
Db    496 GCCATGAAGCTAAATAATCAAGCCATGAAAGGGAGATTTGAGGAGCTTTTCGGCCTGGACA 555

Qy    539 GAGAAACAGAAGGAAGAACGCCAGTTTTTTT GAGATACAGAGCAAAGAAGCAAAGAGCGT 598
      |||
Db    556 GAGAAACAGAAGGAAGAACGCCAGTTTTTTT GAGATACAGAGCAAAGAAGCAAAGAGCGT 615

Qy    599 CTAATGGCCTTGAGTCATGAGAATGAGAAATTGAAGGAAGAGCTTGGAACCTAAAAGGG 658
      |||
Db    616 CTAATGGCCTTGAGTCATGAGAATGAGAAATTGAAGGAAGAGCTTGGAACCTAAAAGGG 675

Qy    659 AAATCAGAAAGGTCATCTGAGGACCCCACTGATGACTCCAGGCTTCCCAGGGCCGAAGCG 718
      |||
Db    676 AAATCAGAAAGGTCATCTGAGGACCCCACTGATGACTCCAGGCTTCCCAGGGCCGAAGCG 735

Qy    719 GAGCAGGAAAAGGACCAGCTCAGGACCCAGGTGGTGAGGCTACAAGCAGAGAAGGCAGAC 778
      |||
Db    736 GAGCAGGAAAAGGACCAGCTCAGGACCCAGGTGGTGAGGCTACAAGCAGAGAAGGCAGAC 795

Qy    779 CTGTTGGGCATCGTGTCTGAACTGCAGCTCAAGCTGAACTCCAGCGGCTCCTCAGAAGAT 838
      |||
Db    796 CTGTTGGGCATCGTGTCTGAACTGCAGCTCAAGCTGAACTCCAGCGGCTCCTCAGAAGAT 855
```

Qy	839	TCCTTTGTTGAAATTAGGATGGCTGAAGGAGAAGCAGAAGGGTCAGTAAAAGAAATCAAG	898
Db	856	TCCTTTGTTGAAATTAGGATGGCTGAAGGAGAAGCAGAAGGGTCAGTAAAAGAAATCAAG	915
Qy	899	CATAGTCCTGGGCCCACGAGAACAGTCTCCACTGGCACGGCATTGTCTAAATATAGGAGC	958
Db	916	CATAGTCCTGGGCCCACGAGAACAGTCTCCACTGGCACGGCATTGTCTAAATATAGGAGC	975
Qy	959	AGATCTGCAGATGGGGCCAAGAATTACTTCGAACATGAGGAGTTAACTGTGAGCCAGCTC	1018
Db	976	AGATCTGCAGATGGGGCCAAGAATTACTTCGAACATGAGGAGTTAACTGTGAGCCAGCTC	1035
Qy	1019	CTGCTGTGCCTAAGGGGAAGGGAATCAGAAGGTGGAGAGACTTGAAGTTGCACTCAAGGAG	1078
Db	1036	CTGCTGTGCCTAAGGGGAAGGGAATCAGAAGGTGGAGAGACTTGAAGTTGCACTCAAGGAG	1095
Qy	1079	GCCAAAGAAAAGAGTTTCAGATTTTGAAAAGAAAACAAGTAATCGTTCTGAGATTGAAACC	1138
Db	1096	GCCAAAGAAAAGAGTTTCAGATTTTGAAAAGAAAACAAGTAATCGTTCTGAGATTGAAACC	1155
Qy	1139	CAGACAGAGGGGAGCACAGAGAAAAGAGAATGATGAAGAGAAAGGCCCGGAGACTGTTGGA	1198
Db	1156	CAGACAGAGGGGAGCACAGAGAAAAGAGAATGATGAAGAGAAAGGCCCGGAGACTGTTGGA	1215
Qy	1199	AGCGAAGTGGAAGCACTGAACCTCCAGGTGACATCTCTGTTTAAGGAGCTTCAAGAGGCT	1258
Db	1216	AGCGAAGTGGAAGCACTGAACCTCCAGGTGACATCTCTGTTTAAGGAGCTTCAAGAGGCT	1275
Qy	1259	CATACAAAACCTCAGCGAAGCTGAGCTAATGAAGAAGAGACTTCAAGAAAAGTGTCAAGGCC	1318
Db	1276	CATACAAAACCTCAGCGAAGCTGAGCTAATGAAGAAGAGACTTCAAGAAAAGTGTCAAGGCC	1335
Qy	1319	CTTGAAAGGAAAAAATTCTGCAATTCCATCAGAGTTGAATGAAAAGCAAGAGCTTGT'TTAT	1378
Db	1336	CTTGAAAGGAAAAAATTCTGCAATTCCATCAGAGTTGAATGAAAAGCAAGAGCTTGT'TTAT	1395
Qy	1379	ACTAACAAAAAGTTAGAGCTACAAGTGGAAGCATGCTATCAGAAATCAAAATGGAACAG	1438
Db	1396	ACTAACAAAAAGTTAGAGCTACAAGTGGAAGCATGCTATCAGAAATCAAAATGGAACAG	1455
Qy	1439	GCTAAAACAGAGGATGAAAAGTCCAAATTAACCTGTGCTACAGATGACACACAACAAGCTT	1498
Db	1456	GCTAAAACAGAGGATGAAAAGTCCAAATTAACCTGTGCTACAGATGACACACAACAAGCTT	1515
Qy	1499	CTTCAAGAACATAATAATGCATTGAAAACAATTGAGGAACTAACAAGAAAAGAGTCAGAA	1558
Db	1516	CTTCAAGAACATAATAATGCATTGAAAACAATTGAGGAACTAACAAGAAAAGAGTCAGAA	1575
Qy	1559	AAAGTGGACAGGGCAGTGCTGAAGGAAC'TGAGTGAAAAACTGGAAC'TGGCAGAGAAGGCT	1618
Db	1576	AAAGTGGACAGGGCAGTGCTGAAGGAAC'TGAGTGAAAAACTGGAAC'TGGCAGAGAAGGCT	1635
Qy	1619	CTGGCTTCCAAACAGCTGCAAATGGATGAAATGAAGCAAACCATTGCCAAGCAGGAAGAG	1678
Db	1636	CTGGCTTCCAAACAGCTGCAAATGGATGAAATGAAGCAAACCATTGCCAAGCAGGAAGAG	1695

Qy	1679	GACCTGGAAACCATGACCATCCTCAGGGCTCAGATGGAAGTTTACTGTTCTGATTTTCAT	1738
Db	1696	GACCTGGAAACCATGACCATCCTCAGGGCTCAGATGGAAGTTTACTGTTCTGATTTTCAT	1755
Qy	1739	GCTGAAAGAGCAGCGAGAGAGAAAAATTCATGAGGAAAAGGAGCAACTGGCATTGCAGCTG	1798
Db	1756	GCTGAAAGAGCAGCGAGAGAGAAAAATTCATGAGGAAAAGGAGCAACTGGCATTGCAGCTG	1815
Qy	1799	GCAGTTCTGCTGAAAGAGAATGATGCTTTCGAAGACGGAGGCAGGCAGTCCTTGATGGAG	1858
Db	1816	GCAGTTCTGCTGAAAGAGAATGATGCTTTCGAAGACGGAGGCAGGCAGTCCTTGATGGAG	1875
Qy	1859	ATGCAGAGTCGTCATGGGGCGAGAACAAGTGACTCTGACCAGCAGGCTTACCTTGTTCAA	1918
Db	1876	ATGCAGAGTCGTCATGGGGCGAGAACAAGTGACTCTGACCAGCAGGCTTACCTTGTTCAA	1935
Qy	1919	AGAGGAGCTGAGGACAGGGACTGGCGGCAACAGCGGAATATTCCGATTCATTCCTGCCCC	1978
Db	1936	AGAGGAGCTGAGGACAGGGACTGGCGGCAACAGCGGAATATTCCGATTCATTCCTGCCCC	1995
Qy	1979	AAGTGTGGAGAGGTTCTGCCTGAC	2002
Db	1996	AAGTGTGGAGAGGTTCTGCCTGCC	2019